

Datasheet for ABIN7551149
PXK Protein (AA 1-578) (His tag)



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Overview

Quantity:	1 mg
Target:	PXK
Protein Characteristics:	AA 1-578
Origin:	Human
Source:	HEK-293 Cells
Protein Type:	Recombinant
Purification tag / Conjugate:	This PXK protein is labelled with His tag.

Product Details

Purpose:	Custom-made recombinant PXK Protein expressed in mammalian cells.
Sequence:	<p>MAFMEKPPAG KVLDDTVPL TAAIEASQSL QSHTHEYIIRV QRGISVENSW QIVRRYSDFD LLNNSLQIAG LSLPLPPKKL IGNMDREFIA ERQKGLQNYL NVITTNHILS NCELVKKFLD PNNYSANYTE IALQQVSMFF RSEPKWEVVE PLKDIGWRIR KKYFLMKIKN QPKERLVLSW ADLGPDKYLS DKDFQCLIKL LPSC LHPYIY RVTFATANES SALLIRMFNE KGTLKD LIYK AKPKDPFLKK YCNPKKIQL ELQKIKTYGR QILEVLKFLH DKGFPYGH LH ASNVMLD GDT CRLDLENSL LGLPSFYRSY FSQFRKINTL ESVDVHCFGH LLYEMTYGRP PDSVPVDSFP PAPSMVAV VAV LESTLSCEAC KNGMPTISRL LQMP LFSDVL LTTSEK PQFK IPTKLKEALR IAKECIEKRL IEEQKQIHQH RRLTRAQSHH GSEEERKKRK ILARKKSKRS ALENSEEHS A KYSNSNNSAG SGASSPLTSP SSPTPPSTSG ISALPPPPPP PPPPAAPLPP ASTEAPAQLS SQA VNGMSRG ALLSSI QNFQ KGTLRKAKTC DHSAPKIG</p> <p>Sequence without tag. The proposed Purification-Tag is based on experiences with the expression system, a different complexity of the protein could make another tag necessary. In case you have a special request, please</p>

contact us.

Specificity: If you are looking for a specific domain and are interested in a partial protein or a different isoform, please contact us regarding an individual offer.

Characteristics: Key Benefits:

- Made to order protein - from design to production - by highly experienced protein experts.
- Protein expressed in mammalian cells and purified in one-step affinity chromatography
- The optimized expression system ensures reliability for intracellular, secreted and transmembrane proteins.
- State-of-the-art algorithm used for plasmid design (Gene synthesis).

This protein is a made-to-order protein and will be made for the first time for your order. Our experts in the lab try to ensure that you receive soluble protein.

If you are not interested in a full length protein, please contact us for individual protein fragments.

The big advantage of ordering our made-to-order proteins in comparison to ordering custom made proteins from other companies is that there is no financial obligation in case the protein cannot be expressed or purified.

Purity: > 90 % as determined by Bis-Tris PAGE, anti-tag ELISA, Western Blot and analytical SEC (HPLC)

Grade: custom-made

Target Details

Target: PXX

Alternative Name: PXX ([PXX Products](#))

Background: PX domain-containing protein kinase-like protein (Modulator of Na,K-ATPase) (MONaKA),FUNCTION: Binds to and modulates brain Na,K-ATPase subunits ATP1B1 and ATP1B3 and may thereby participate in the regulation of electrical excitability and synaptic transmission. May not display kinase activity. {ECO:0000250|UniProtKB:Q8BX57, ECO:0000303|PubMed:16142408}.

Molecular Weight: 65.0 kDa

UniProt: [Q7Z7A4](#)

Application Details

Application Notes:	We expect the protein to work for functional studies. As the protein has not been tested for functional studies yet we cannot offer a guarantee though.
Restrictions:	For Research Use only

Handling

Format:	Liquid
Buffer:	The buffer composition is at the discretion of the manufacturer.
Handling Advice:	Avoid repeated freeze-thaw cycles.
Storage:	-80 °C
Storage Comment:	Store at -80°C.
Expiry Date:	12 months